PATENT

ATTORNEY DOCKET NO.: LEAPS-C11

CUSTOMER NO: 36038

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re M. Se	Application of: eul)	
Serial	No. unassigned)	Group Art Unit:
Filed:	herewith)	Examiner:
For:	Light-Controlled Electrokinetic Assembly of Particles Near Surfaces)))	
PO B	nissioner for Patents ox 1450 ndria VA 22313-1450	-	

Dear Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), applicants submit the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed (as checked below):

x within three months of the filing date of the above-referenced application

No copies of the listed documents are included, because all listed documents have been properly submitted in Application Serial No. 09/640,040, filed 10/17/2000, to which this application claims priority, and therefore, pursuant to Rule 1.98(d), no such copies are required. Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached PTO 1449 form.

N/A: English translations of the non-English documents are attached.

___ The following is a concise statement of the relevance of the non-English language documents.

In lieu of a statement of relevance or translation of the non-English language documents, an English language version of a search report from a foreign patent office in a corresponding application citing these documents and setting forth the relevance thereof is enclosed.

This submission does not represent that: (i) Applicant has read or analyzed any of the documents cited herein, except as otherwise provided; (ii) a search has been conducted; (iii) that no other documents exist which may be material to the examination of this application exist; or (iv) that any of the listed documents, or any part thereof, are material or constitute prior art under title 35 of the United States Code. Applicant reserves the right to present evidence and arguments to counter an assertion that any such documents are prior art, and/or to establish the patentability of the claimed invention.

Respectfully Submitted,

Y://

Eric P. Mirable Reg. No. 31,211

Bioarray Solutions, Ltd. 35 Technology Drive

Warren NJ 07059

(908) 226 8200 (ext 203)

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INFORMATION DISCLOSURE	Complete if Known		
STATEMENT BY APPLICANT	Application Numb r:		
STATEMENT DI AFFEICANT	Filing Date:		
(Use as many sheets as necessary)	First Named Inventor: M. S. ul, t al.		
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Examin	U.S. Documents	U.S. Patent Document Name of	Date of Publication of Cited Document		
er Initials	Number	Patentee or Applicant of Cited Document	MM-DD-YYYY		
	6,083,763	Balch	7/4/2000		
	6,172,218 B1	Brenner	1/9/2001		
	5,415,835	Brueck, et al.	5/16/1995		
	6,429,027 B1	Chee et al.	8/6/2002		
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	5,961,923	Nova et al.	10/5/1999		
	5,770,358	Dower	7/23/1498		

FOREIGN DOCUMENTS								
Examiner Initials	Foreign Patent Documents Office Number Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Translation				
· · · · · · · · · · · · · · · · · · ·	WO 00/04372	Anslyn etal.	1/27/2000					
	WO 99/60170	Baier, et al-	11/25/1494					
	WO 98/40726	Walt eral	2/8/2000					
	WO 00/03004	Fechteler, et al.	1/20/2000					
	WO 00/75373	Walt et al	12/14/2000 ,					

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Examiner		Date	
Signature	 	Considered	

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

9.		Notice of Reference	os Cited		Application/	Control No.	Renvention	Applicant(sVI VIII VIII VIII VIII VIII VIII VIII		
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				U.S. P	ATENT DOCUM	ENTS				
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	A	US-5,747,349	05-1998	van de	n Engh et al.	- ,		436		
	В	US-5,900,481	05-1999	Lough	et al.	-		536		
	С	US-6,133,436	10-2000	Koster	et al.			536		
	D	US-6,084,991	07-2000	Sampa				382		
	E	US-5,442,246	06-1995	Koopal	et al.			435		
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				Attorney Docket:	Serial N	0.:		
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	5,281,370	01/25/94	Asher et a					
	5,516,635	05/15/96	Ekins et a	l				
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	5,604,097	02/18/97	Brenner				 	
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		7	REIGN PA	ATENT DOCUMENTS				
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	WO 93/02360	02/04/93	PCT	Country	Class	Sub-Class	Translation	
	WO 96/03212	02/08/96	PCT			<u> </u>	Yes No	
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FORM PTO-1449 (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE									ATTY. DOCKET NO.:				
LIST OF PRIOR ART CITED BY APPLICANT (Use several sheets if necessary)										APPLICANT(S): SEUL, Michael				
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_	AA	4	4	8	9	0	: 5	2	2/12/85	Fulwyler	422	52	8/30/82	
	AB	4	6	4	7	5	4	4	3/3/87	Nicoli et al.	436	518	6/25/85	
	AC	4	8	2	2	7	4	6	4/18/89	Walt	438	528	6/25/86	
	AD	4	9	9	4	3	7	3	2/19/91	Stavrianopoulos et al.	435	8	7/20/89	
	AE_	5	0	0	2	8	6	7_	3/26/91	Macevicz	435	6	10/24/88	
	AF	5	0_	2	8	5	4	5	7/2/91	Soini	436	501	6/9/88	
	AG	5	1_	0	5	3	0	5	4/14/92	Betzig	359	368	1/10/91	
····	AH	5	1	1_	4	8	6	4	5/19/92	Walt	436	528	9/19/89	
	AI_	5	1	3	2	2	4	2	7/21/92	Cheung	436	501	11/13/89	
	AJ	5	,	3	2	0	9	7_	7/21/92	Van Deusen et al.	422	82.09	9/4/90	
	AK	5	1_	4_	3	8	5	3	8/1/92	Walt	438	501	2/2/89	
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						OTHER	PRIOR	ART (In	cluding Author, T	itle, Date, Pertinent Pages,	Etc.)			
	AQ	Pete	rson, el	al. "Fib	er optic	pH prob	e for ph	ysiologi	cal use," Anal. C	nem. Vol. 52, 884-869 (198	O)			
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	BA	5	1	9	4_	3	0	0	3/16/93	Cheung	427	213.31	11/8/89	
 	ВВ	5	2	4_	4_	8	1	3	8/14/93	Walt et al.	436	172	4/20/92	
 	BC	5	2	4	4	6	3	6	9/14/93	Walt et al.	422	82.07	1/25/91	
	80	5	2	5	0_	2	6	4	10/5/93	Walt et al.	422	82.07	12/21/92	
	BE	5	2	5	2	4_	9	4	10/12/93	Walt	436	528	3/30/92	
	BF	5	2	5	4	4_	7	7	10/19/93	Walt	436	172	9/19/91	
	BG	5	2	8	8	7	4	1	3/29/94	Walt et al.	250	227.23	1/13/93	
	Вн	5	3	0_	6	6	1	8	4/26/94	Prober et al.	435	6	1/16/92	
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	ВЈ	5	3	6	2	6	5	3	11/8/94	Carr et al.	436	165	5/6/92	
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	80	Barr	ard, et	ol., *A f	ibre-opti	c chemi	cal sens	or with	discrete sensing	sites," Nature, vol. 353: 33	8-340 (1991).			
	88		pian, et (1994).		ored and	d Fluore:	scent So	olid Sup	ports," Innovation	and Perspectives in Solid-Pl	hase Synthesis	. Ed: E. Birmingham	(Mayflower, Lond	ion), pp. 469
	BS				hemical	microse	uzorz ei	nployin	g optically active	silica microspheres," SPIE, v	rol. 2388 : 245	-256 (1995).		
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	CB	5	1	1	4	В	2	1	1/24/64	Wall pt al.	438	518	12/14/95	
	СС	5	4	9	8	9	8	Li	3/0/04	Pope	250	227.21	1/3/94	
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	CE	5	5	8	5	3	2	1	10/16/88	Alfa pi al.	435	6	4/13/94	
	CF	5	5	8	1	6	2	Li	19/22/06	Letnen	438	518	11/5/93	
	CG	5	8	3	3	1	2	11	1137/01	King of al.	358	445	8/29/95	
	СН	5	8	3	3	8	1	li.	6137103	Walt at al.	385	116	11/29/95	
	CI	5	8 :	6	0	4	8		1/22/07	fam et al.	530	334	6/19/91	
	CJ	5	8	6	2	0	5		7/29/97	Margal	428	403	1/25/95	
	CK	5	6	7	4	8	9		19/7/97	Parling at al.	435	7.92	3/30/\$*	
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	0A	5	6	9	0	8	9	4	11/25/97	Pinkel et al.	422	68.1	5/23/95		
	DB	5	7	0	0	8	9	7	12/23/97	Klainer et al.	528	15	5/30/95		
	ос	5	7	7	9	9	7	6	7/14/98	Leland et al.	422	52	6/5/95		
	00	5	9	3	9	0	2	1_	8/17/99	Hansen et al.	422	55	1/23/97		
	DE	5	9	6	1_	9	2	3	10/5/99	Nova et al.	422	88.1	9/30/98		
	DF	5	9	8	5	4	5_	2	10/12/99	Kovacs	438	149	7/9/96		
	DG	8	0	4	8	8_	8	0	4/11/00	Heller et al.	435	8	5/14/97		
	DH	6	0	9	0	5	4_	5	7/18/00	Wohlstadter et al.	435	6	3/6/97		
	DI	6	0	9	0	9	1	2	7/18/00	Lebi et al.	530	300	11/23/98		
	DJ	8	2	0	0	7	3	7	3/13/01	Walt et al.	430	320	8/24/95		
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	DR	Fulto	on, et al	., "Adva	nced m	ultiplexe	d analys	sis with	the FlowMetrix s	ystem," Clinical Chemistry	, vol. 43:9 , pp. 1	1749-1756 (1997).			
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	AC_	5	5	8	5	0	6	9	12/17/96	Zanzucchi et al.	422	100	11/10/94		
	AD	5	5	9	3	8	3	8	01/14/97	Zanzucchi et al.	435	6	05/31/95		
	AE	5	7	2	3	ż	1	8	03/03/98	Haugland et al.	428	402			
	AF	5	7	4_	4	3_	0	5	04/28/98	Fodor et al.	435	6	06/06/95		
	AG	5	8	0	7_	7	5	5	09/15/98	Ekins	436	518	05/23/95		
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		.				OTHER	PRIOR	ART (l	ncluding Author,	Title, Date, Pertinent Page	es, Etc.)				
	AR	Mic	heletto	et al., <i>la</i>	ngmuir,	vol. 11,	3333-3	336 (1	995)				·····		
7	AS	Nag	ayama	et al., <i>P</i>	hase Tra	nsitions	, vol. 4!	5, 185-	203 (1993)						
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	AA 3 9 9 8 5 2 5 12/21/76									Giglia	350	160	08/21/75	
	AB 4 0 7 5 0 1 3 021									Ward et al.	96	1.5	09/13/76	
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	AR	Yeh,	et al.,	"Assem	bly of or	dered c	olloidal	aggrega	tes by electric-fie	ld-induced fluid flow," Natu	re, vol. 386.6: 5	57-59 (1997)		
	AS	Gier	sig et al	., For	nation o	f ordere	d two-d	limensio	nal gold colloid la	ttices by electrophoretic de	position," J. Ph	<i>ys. Chem.</i> , vol. 97: 6	334-6336	
	AT	Seul	et al.,	Scale t	ransfor	nation o	f magne	etic bub	ble arrays: coupli	ng of topological disorder an	id polydispersity	," <i>Science</i> , vol. 262	: 558 - 560 (1993	3)
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